

Type a plus sign (+) inside this box

# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

500431.04

July 20, 2001

First Inventor or Application Identifier

Vishnu K. Agarwal

Title

METHOD AND APPARATUS FOR ENDPOINTING A CHEMICAL-MECHANICAL PLANARIZATION PROCESS

Express Mail Label No.

EL 647552201 US

## APPLICATION ELEMENTS

## ADDRESS TO:

Box Patent Application  
Commissioner of Patents  
Washington, D.C. 20231

MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Sheet (+ copy)  
(Submit an original and a duplicate for fee processing)2. ☐ Applicant(s) Claim(s) Small Entity Status

3. ☒ Specification [Total Pages] **33**  
(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 USC 113) [Total Sheets] **5**5. ☒ Oath or Declaration [Total Pages] **1**a. ☐ Newly executed (original or copy)b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)

6. ☒ Application Data Sheet (37 C.F.R. 1.76)7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer-Readable Form (CRF)b. ☐ Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paperc. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)10. ☐ Assignment Papers (cover sheet & document(s))11. ☒ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)12. ☐ English Translation Document (if applicable)13. ☒ Preliminary Amendment Total Pages **2**14. ☒ Return Receipt Postcard15. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations16. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)17. ☒ Other: Certificate of Express MailCheckGeneral AuthorizationCopy of Revocation and Subst. POA

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment



Continuation



Divisional

Continuation-In-Part (CIP) of prior Application No.: 09/139,814 Filed August 25, 1998Prior application information: Examiner George A. GoudreauGroup / Art Unit 1763

☒ **Incorporation By Reference** (useable if box 5b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

## CORRESPONDENCE ADDRESS

Mark W. Roberts, Esq.  
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Customer No. 27,076

TYPED or PRINTED NAME Mark W. Roberts, Ph.D.REGISTRATION NO. 46,160SIGNATURE Mark W. RobertsDate July 20, 2001

# **FEE TRANSMITTAL SHEET (FOR FY 2001)**

*Complete if Known*

Express Mail No. EL 647552201 US  
Filing Date Concurrently Herewith  
First Named Inventor Vishnu K. Agarwal  
Group Art Unit Not Yet Assigned  
Examiner Not Yet Assigned  
Atty. Docket Number 500431.04

## **METHOD OF PAYMENT (Check One)**

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

## **FEE CALCULATION**

### **1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	710	201	355	<input checked="" type="checkbox"/> Utility Filing Fee	
106	320	206	160	<input type="checkbox"/> Design Filing Fee	
108	710	208	355	<input type="checkbox"/> Reissue Filing Fee	
114	150	214	75	<input type="checkbox"/> Provisional Filing Fee	
<b>Subtotal (1)</b>					<b>\$ 710</b>

### **2. EXTRA CLAIM FEES**

Current Claims	Prior	Extra	Fee	Fee Paid
Total	5	20	0 x \$ 18 =	\$ 0
Ind	1	3	0 x \$ 80 =	\$ 0
Multiple Dependent Claims				\$
<b>Subtotal (2)</b>				<b>\$ 0</b>

Large Entity		Small Entity		Fee Description	
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent Claim	
109	80	209	40	Reissue independent claims over original patent	
110	18	210	9	Reissue claims in excess of 20 and over original patent	

## **FEE CALCULATION (Continued)**

### **3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or oath	\$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For Filing a Request for Reexamination	\$
115	110	215	55	Extension for reply within first month	\$
116	390	216	195	Extension for reply within 2 <sup>nd</sup> month	\$
117	890	217	445	Extension for reply within 3 <sup>rd</sup> month	\$
118	1,390	218	695	Extension for reply within 4 <sup>th</sup> month	\$
128	1,890	280	945	Extension for reply within 5 <sup>th</sup> month	\$
120	310	220	155	Filing a brief in support of an appeal	\$
121	260	270	135	Request for oral hearing	\$
148	110	248	55	Terminal Disclaimer Fee	\$
140	10	240	55	Petition to revive - unavoidable	\$
141	1,240	241	620	Petition to revive - unintentional	\$
142	1,240	242	620	Utility/Reissue issue fee (+ advance copies)	\$
143	440	243	220	Design issue fee (+ advance copies)	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of IDS	\$
581	40	81	40	Recording each patent assignment per property (times number of properties)	\$
179	710	279	355	Request for Continued Examination (RCE)	\$
Other fee (specify)					\$
<b>Subtotal (3)</b>					<b>\$ -0-</b>

**Total Amount of Payment: \$ 710**

## **Submitted by:**

Name: Mark W. Roberts, Ph.D.

Reg. No.: 46,160

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Signature: *Mark W. Roberts*

Date: July 20, 2001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vishnu K. Agarwal

Attorney Docket No.: 500431.04

Filed : July 20, 2001

Title : METHOD AND APPARATUS FOR ENDPOINTING A CHEMICAL-MECHANICAL PLANARIZATION PROCESS

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Box Patent Application  
Commissioner of Patents  
Washington, D.C. 20231

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 647552201 US, on July 20, 2001, addressed to Box Patent Application, Commissioner of Patents, Washington, DC 20231.

Respectfully submitted,

DORSEY &amp; WHITNEY LLP

  
for West Courier

MWR:sj

## Enclosures:

Postcard  
Check  
Form PTO/SB/05  
Application Data Sheet  
Fee Transmittal Sheet (+ copy)  
General Authorization  
Preliminary Amendment  
Copy of Previously Filed Specification, Claims, Abstract (33 pages)  
Copy of 5 Sheets of Drawings (Figures 1-7)  
Copy of Declaration  
Copy of Election and Power of Attorney  
Copy of Revocation and Substitute Power of Attorney  
Information Disclosure Statement and Form PTO-1449

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vishnu K. Agarwal

Attorney Docket No.: 500431.04

Filed : Concurrently Herewith

Title : METHOD AND APPARATUS FOR ENDPOINTING A CHEMICAL-MECHANICAL  
PLANARIZATION PROCESSGENERAL AUTHORIZATION

Box Patent Application  
Commissioner of Patents  
Washington, D.C. 20231

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date

July 20, 2001

Mark W. Roberts, Ph.D.  
Registration No. 46,160

MWR:sj

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